



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Harry M. O'Sullivan

Serial No : 09/835,464

Filed : April 17, 2001

For : CELLULAR TELEPHONE DATA  
COMMUNICATION SYSTEM AND  
METHOD

Examiner:  
Lele, T.

Group Art Unit:  
2684

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As requested by Ex. Lele, substitute forms are attached hereto listing the references that were originally cited in parent application no. 08/436,863. Copies of these references were provided in the parent application. If the Examiner should desire to have copies of any of the cited references he is invited to contact the undersigned at the number given. A check in the amount of \$180 is attached herewith. If an additional fee is required, please call the undersigned so that any declaration and/or fee that is required may be promptly provided.

Respectfully submitted,

Date: October 20, 2004

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Charles M. Leedom, Jr.  
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MLR, LLC

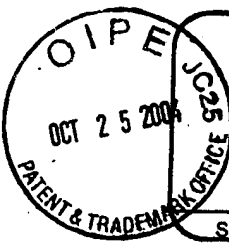
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 12

## Complete if Known

Application Number	09/835464
Filing Date	April 17, 2001
First Named Inventor	Harry M. O'Sullivan
Art Unit	2684
Examiner Name	T. Lele
Attorney Docket Number	0301-415

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3613004	10/1971	WYCOFF	
		US- 3657700	04/1972	LUTZKER	
		US- 3674935	07/1972	LAWRENCE	
		US- 3714586	01/1973	MASON	
		US- 3714650	01/1973	FULLER, et al.	
		US- 3745251	07/1973	FRETWELL	
		US- 3766479	10/1973	THALIMER, et al.	
		US- 3851112	11/1974	KUSAN	
		US- 3878333	04/1975	SHIMIZU, et al.	
		US- 3899772	08/1975	MEAD, et al.	
		US- 3927259	12/1975	BROWN	
		US- 3939431	02/1976	COHLMAN	
		US- 3974343	08/1976	CHENEY	
		US- 4012596	03/1977	WEST, JR., et al.	
		US- 4025853	05/1977	ADDEO	
		US- 4094484	06/1978	GALIONE	
		US- 4109283	08/1978	RAST	
		US- 4178476	12/1979	FROST	
		US- 4284849	08/1981	ANDERSON, et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0295146	06/1988			
		EP 0309627	04/1989			
		GB 2170977	02/1996			
		GB2256113	11/1992			
		DE3433900	03/27/1986			
		PCT 87 00718	01/1987			

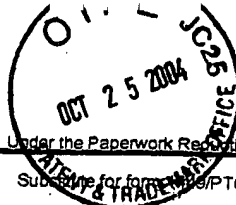
Examiner Signature	Date Considered
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Sheet 2

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### Complete if Known

Application Number	09/835464
Filing Date	April 17, 2001
First Named Inventor	Harry M. O'Sullivan
Art Unit	2684
Examiner Name	T. Lele
Attorney Docket Number	0301-415

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 4330862	05/1982	SMOLIK	
		US- 4337376	06/1981	GRUENBERG	
		US- 4376310	03/1983	STACKHOUSE, et al.	
		US- 4403322	09/1983	KATO, et al.	
		US- 4414661	11/1983	KARLSTROM	
		US- 4415774	11/1983	DRIVER	
		US- 4419756	12/1983	CHENG-QUISPE, et al.	
		US- 4425665	01/1984	STAUFFER	
		US- 4486624	12/1984	PUHL	
		US- 4488002	12/1984	SEIBEL	
		US- 4498173	02/1985	REUDINK	
		US- 4503288	03/1985	KESSLER	
		US- 4519068	05/1985	KREBS, et al.	
		US- 4524244	06/1985	FAGGIN, et al.	
		US- 4525861	06/1985	FREEBURG	
		US- 4545071	10/1985	FREEBURG	
		US- 4549308	10/1985	LOPINTO	
		US- 4556760	12/1985	GOLDMAN	
		US- 4558178	12/1985	YASUDA, et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			T <sup>6</sup>
		PCT 89 05553	06/1989		
		PCT 90 03076	03/1990		
		PCT 91 07044	05/16/1991		
		PCT 92 10047	06/11/1992		
		PCT 86 00207	07/1986		
		PCT 88 04362	12/1988		

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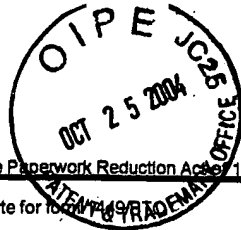
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Sheet 3 of 12

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Filing Date	April 17, 2001
First Named Inventor	Harry M. O'Sullivan
Art Unit	2684
Examiner Name	T. Lele
Attorney Docket Number	0301-415

### U. S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 4562572	12/1985	GOLDMAN, et al.	
		US- 4568800	02/1986	ORIKASA	
		US- 4577182	03/1986	MILLSAP, et al.	
		US- 4578537	03/1986	FAGGIN, et al.	
		US- 4591661	05/1986	BENEDETTO, et al.	
		US- 4638022	01/1987	BURKE, et al.	
		US- 4654867	03/1987	LABEDZ, et al.	
		US- 4656318	04/1987	NOYES	
		US- 4658096	04/1987	WEST, JR., et al.	
		US- 4660218	04/1987	HASHIMOTO	
		US- 4661659	04/1987	NISHIMURA	
		US- 4667653	05/1987	CORNELL	
		US- 4677656	06/1987	BURKE, et al.	
		US- 4680787	07/14/1987	MARRY	
		US- 4658123	08/1987	HSIA	
		US- 4691314	09/1987	BERGINS, et al.	
		US- 4697473	09/1987	ETOH	
		US- 4697281	09/1987	O'SULLIVAN	
		US- 4698839	10/1987	DEVANEY, et al.	

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		PCT 89 03710	08/1989			

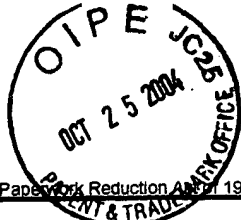
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Sheet 4

of 12

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		US- 4718080	01/1988	SERRANO, et al.	
		US- 4737975	04/1988	SHAFFER	
		US- 4751725	06/1988	BONTA, et al.	
		US- 4752949	06/1988	STEINBECK, et al.	
		US- 4759059	07/1988	CHRISTENSEN	
		US- 4775997	10/1988	WEST, JR., et al.	
		US- 4823362	07/1986	ETOH	
		US- 4823373	04/1989	TAKAHASHI, et al.	
		US- 4837800	06/1989	FREEBURG, et al.	
		US- 4837812	06/1989	TAKAHASHI, et al.	
		US- 4852146	07/1989	HATHCOCK, et al.	
		US- 4868859	09/1989	SHEFFER	
		US- 4868863	09/1989	HARTLEY, et al.	
		US- 4887290	12/1989	DOP, et al.	
		US- 4890315	12/1989	BENDIXEN, et al.	
		US- 4912756	03/1990	HOP	
		US- 4955083	09/1990	PHILLIPS, et al.	
		US- 4972457	11/1990	O'SULLIVAN	
		US- 4972462	11/1990	SHIBATA	

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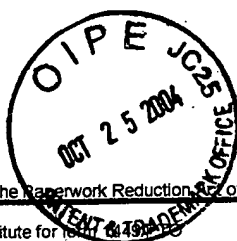
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Sheet 5

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		US- 4991197	02/1991	MORRIS	
		US- 5025254	06/1991	HESS	
		US- 5046082	09/1990	ZICKER, et al.	
		US- 5073921	12/1991	NOMURA, et al.	
		US- 5081673	01/1992	ENGELKE, et al.	
		US- 5095534	03/1992	HIYAMA	
		US- 5127041	06/1992	O'SULLIVAN	
		US- 5131019	07/1992	SHEFFER, et al.	
		US- 5134648	07/1992	HOCHFIELD, et al.	
		US- 5170470	12/1992	PINDAR, et al.	
		US- 5202963	04/1993	ZELLEY	
		US- 5249218	09/1993	SAINTON	
		US- RE34034	08/1992	O'SULLIVAN	
		US- 3711777	01/1973	TINK	
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**FOREIGN PATENT DOCUMENTS**

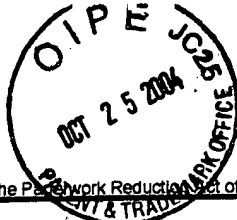
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Sheet

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of

12

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Trademark Registration No. 1366435 Mark: BRIDGE	
		F. R. BERFLER, JR.; A Tale of Two Modems; PC Magazine; August 21, 1984	
		Z. C. FLUHR & P. T. PORTER; Advanced Mobile PhoneService: Control Architecture; Bell System Technical Journal; Vol. 58, No. 1; January 1979	
		R. E. FISHER; Advanced Mobile Phone Service: A Subscriber Set for the Equipment Test; Bell System Technical Journal; Vol. 58, No. 1; January 1979	
		F. H. BLECHER; Advanced Mobile PhoneService; IEEE	
		T. M. CARIDI & P. MIGHDOLL; An 800 Mhz Approach to Underground Date Communications; IEEE 1981 Industry Applications	
		R. A. COMROE & J. COSTELLO, Jr; ARQ Schemes for Data Transmission in Mobile Radio Systems; IEEE Transactions on Vehicular Technology; Vol VT-33; August 1984	
		AT&T; 208A Data Set Product; Circuit Description, DC-10232-01; July 1975	
		AT&T's DIMENSION PBX described in AT&T publication Bell System Practice Section 503-100-103, Issue 3, March 1981, which relates to a multi-button electronic telephone set	
		BUSH; Data Communication, October 1976, p. 74	

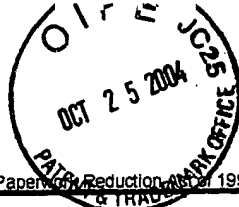
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Sheet 7

of

12

Application Number 09/835464

Filing Date April 17, 2001

First Named Inventor Harry M. O'Sullivan

Art Unit 2684

Examiner Name T. Lele

Attorney Docket Number 0301-415

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Cell Data Launched; British Telecom Journal, Vol. 6, No. 3, 1985, Autumn	
		Cellnet Adds Data to Cellular Service; International News Telephone Engineer and Management, Nov. 1, 1985	
		Cellular Link is Step to Portable Office; Electronic, June 28, 1984, pp. 48 & 50	
		COMPAQ; SpeedPAQ 144 Modem - Reference Guide	
		COMPAQ; COMPAQ Product Quality Statements	
		COMPAQ; SpeedPAQ 144 Modem - COMPAQ Portable Computers Installation Guide	
		COMPAQ; A COMPAQ and 121/PT128 Data Application...; January 25, 1993	
		COMPAQ; SpeedPAQ 144 Modem - Quick Reference	
		COMPAQ; SpeedPAQ 14 Modem - About Your Fax Software...	
		I. BRODSKY; Dialing Data Via Mobile Telephones; Data Communications International, October 1989, pp.103 - 110	

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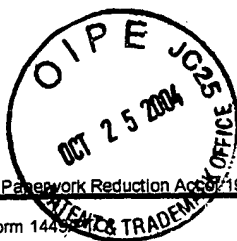
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Sheet

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of

12

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Application Number	09/835464
Filing Date	April 17, 2001
First Named Inventor	Harry M. O'Sullivan
Art Unit	2684
Examiner Name	T. Lele
Attorney Docket Number	0301-415

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		V. HACHENBURG, B. D. HOLM, & J. I. SMITH; Data Signaling Functions for a Cellular Mobile Telephone System; IEEE Transactions on Vehicular Technology, Feb. 1977, Vol. VT 26, No	
		P. J. CADMAN & R. L. BREWSTER; Data Transmissions Over VHF and UHF Land Mobile Radio Channels; IEEE Proceedings, Vol. 130, Part F, No. 6, Oct. 1983	
		T. BRENIG; Data Transmission for Mobile Radio; IEEE Transactions on Vehicular Technology, VT-27, No. 3, August 1978	
		T. L. FLOYD; Excerpt from "Digital Fundamental", 3rd Edition, pp. 562 - 569; Copyright 1986	
		Supplementary European Search Report; February 3, 1985	
		BARTIMO; Firm Unveils Cellular Bridge; Infoworld, Vol. 6, Issue 27, pp. 5, 11, 12	
		GALUSZKA; Data Communications, July 1985, p. 68	
		GODIN; Electronic, September 1983, p. 121 et seq.	
		Hayes Smartmodem Owner's Manual; Hayes Microcomputer Products, Inc., 1981	
		Information Received From Nokia on January 25, 1993	

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Signature

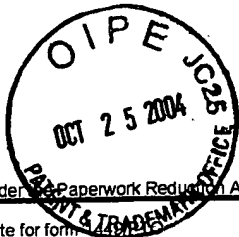
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		Application Number	09/835464
		Filing Date	April 17, 2001
		First Named Inventor	Harry M. O'Sullivan
		Art Unit	2684
		Examiner Name	T. Lele
Sheet 9	of 12	Attorney Docket Number	0301-415

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		LILLY; PC Week, January 7, 1986, p. 135	
		Lineback; Electronic Report, June 28, 1994, p. 48	
		DAL DEGAN, et al.; Low Bit-Rate Speech Coders Applicable in Mobile Satellite Communications Systems; Centrol Studi e Laboratori Telecomunicazioni...; 274 - 10148	
		Millicom Cellular Portable Telephone; Technical Disclosure, Nov. 1984, pp. 1.5, 2.6, 2.18 - 2.21, 6.11 - 6.13	
		AB3X Cellular Interface Owner's Manual; Morrison & Dempsey Communications; November 1987	
		J. M. MORRIS; Optimal Blocklengths for ARQ Error Control Schemes; IEEE Transactions on Communications, Vol. COM-27, No. 2, February 1979	
		R. M. FULLER & F. A. EPLER; Overview of AMPS Mobile Call Processing System; 1980 Annual Conference of the IEEE Vehicular Technology Society	
		Panasonic's "Easa-Phone" System described in Technical Guide KX-T 30810 for Panasonic's electronic modular switching system; and KX-T 30830 for its associated telephone statio	
		J. KREBS; Portable Computer and Host Talk Over Radio-Frequency Link; Electronic, Vol. 56, August 25, 1983	
		D. J. GOODMAN, et al.; Quality of Service and Bandwidth Efficiency of ...Variable Bit-Rate Speech Transmission; IEEE Trans. on Vehicular Technology, Vol VT-32, No. 3, 8/1983	

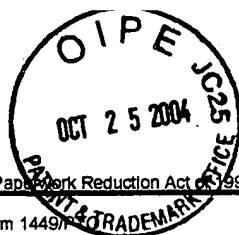
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		First Named Inventor	Harry M. O'Sullivan
		Art Unit	2684
		Examiner Name	T. Lele
Sheet 10	of 12	Attorney Docket Number	0301-415

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		J. KREBS; R/F Linked Portable Digital Communications System Overview; Proc. of the National Electronics Conf., 1984, Sept. 24-26, pp. 402 - 407	
		SCHNEIDERMAN, Computerworld, May 5, 1986, p. 17	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of Peter Caserta	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of John rule	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of Evan R. Smith	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Amended Answer	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Amended Complaint	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Memo in Support of Plaintiff's Application for Temporary Restraining Order	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Response to Plaintiff's Application for Temporary Restraining Order	
		Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Transcript of Proceedings	

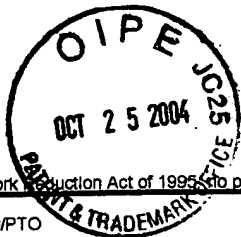
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		Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. - Answer and Counterclaims	
		Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. - Answer to Counterclaims	
		Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. - Judgement	
		P. S. STONE; 286 Laptop; Info World News, 4/25/88, p. 5	
		J. E. MCNAMARA; Technical Aspects of Data Communication; Digital Press, July 1979	
		Vodafone News, February 13, 1985, two pages	
		Bridge Between Data Communications and Cellular Telephone; Data Communications, Sec. New Products, February 1985, p. 218	
		STUART CRUMP, JR.; ABIX: Landline Emulator for Cellular; Personal Communications Technology, June 1986, p. 39	

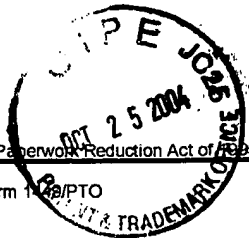
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Filing Date	April 17, 2001
First Named Inventor	Harry M. O'Sullivan
Art Unit	2684
Examiner Name	T. Lele
Attorney Docket Number	0301-415

Sheet 12 of 12

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		Ameritech Nondisclosure Agreement, June 1, 1985	
		Cellular Portable Telephone, Owner's Manual; Millicom	
		Letter from Jason Mirabito, Gaston & Snow, February 28, 1990 re: U.S. Patent No. 4,697,281	
		High-Tech Cellular Products Demonstrated; Ameritech, Vol. 3, No. 34, September 25, 1985	

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